

<p>94-156785/19 POLYPLASTICS KK 92.09.16 92JP-246534 (94.04.12) C08L 59/00, C08K 5/10, C08L 51/00, 51/04</p> <p>Resin compsn with improved flowability for engineering plastics - comprising polyacetal, rubber core-glass shell polymer and fatty acid ester of polyhydric alcohol</p> <p>C9A-072002</p>	<p>A25 E14 (A95 E13)</p> <p>POPL 92.09.16 *JP 06100758-A</p> <p>A(4-F6B, 5-H2, 7-A4E, 12-TAD) E(10-A7, 10-E4G, 10-E4K)</p>
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The resin compsn. (C) of polyacetal (P) comprises: (C1) 1-40 wt.% of a core-shell polymer having (C11) core of a rubber polymer and (C12) shell of a glass polymer and (C2) 0.01-10 wt.% of a fatty acid ester of polyhydric alcohol.

(C1) is pref. not substantially anionic. It is pref. prep'd. by emulsion polymerisation using a nonionic surfactant and initiator generating neutral radicals. Its main component is pref. methylmethacrylate. (C2) is pref. ethylene glycol, propylene glycol, glycerine, pentaerythritol, sorbitan, sorbitol, etc. At least one hydroxy EP of the polyhydric alcohol in (C2) is not esterified.

(P) is pref. polyoxymethylene with a melt index at 180 deg.C of 5.50 g./10 mins. (C2) is e.g. 'Pararoid KCA-102' (RTM) available from Kureha Kagaku KK.

USE/ADVANTAGE - The resin compsn. of polyacetal or its mould is used as engineering plastic e.g. clip in car. It has improved flowability in a mould without any deterioration. (7pp Dwg.No/0)

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